

IF YOU FEEL A STRONG EARTHQUAKE WHILE NEAR THE COAST:

1. PROTECT YOURSELF DURING THE EARTHQUAKE



- If indoors, DROP under a sturdy table or object, COVER your head and neck and HOLD ON.
- If outdoors, move to a clear area if you can safely do so- away from trees, beach cliffs, signs and other hazards- and drop to the ground, but do cover your head and neck and hold on.

2. MOVE TO HIGH GROUND



- As soon as it is safe to move, go to higher ground. DO NOT WAIT for an official tsunami warning.
- Avoid downed power lines and weakened bridges.
- If you are outside of a tsunami hazard zone, stay where you are.

3. STAY THERE



Tsunami signs, which identify tsunami hazard zones and evacuation routes, have been posted on major streets along the coast.

THINGS YOU SHOULD KNOW ABOUT TSUNAMIS

- A tsunami is a series of waves or surges most commonly caused by an earthquake beneath the sea floor.
- An unusual lowering of ocean water, exposing the sea floor, is a warning of a tsunami or other large wave. This "draw back" means the water will surge back strongly.
- Beaches, lagoons, bays, estuaries, tidal flats and river mouths are the most dangerous places to be. It is rare for a tsunami to penetrate more than a mile inland.
- Tsunami waves are unlike normal coastal waves. Tsunamis are more like a flooding river or a sloping mountain of water and filled with debris.
- Tsunamis cannot be surfed. They have no face for a surfboard to dig into and are usually filled with debris.
- Large tsunamis may reach heights of 20 to 50 ft. along the coast and even higher in a few locales. The first tsunami surge is not the highest and the largest surge may occur hours after the first wave. It is not possible to predict how many surges or how much time will elapse between waves be for a particular tsunami.
- The entire California coast is vulnerable to tsunamis.

ADDITIONAL RESOURCES

National Oceanic & Atmospheric Administration
www.noaa.gov

Preparing for earthquakes and tsunamis
www.earthquakecountry.org

Orange County
www.readyoc.org

City of Newport Beach
www.newportbeachca.gov or call (949) 644-3112



CITY OF NEWPORT BEACH TSUNAMI EMERGENCY INFORMATION



www.newportbeachca.gov



